Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently amended) A method for providing Quality of Service (QoS) to an Ethernet switching means connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together with non-real time applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, comprising the steps of:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; ~~The method according to claim 1, further comprising:~~

acquiring a value (TB) for the instantaneous used bandwidth of the total IP data throughput;

comparing the used bandwidth value (TB) of the total IP data throughput to a minimum value m;

acquiring the Quality of service information carried in the RTP/RTCP data packages, if the total data throughput exceeds the minimum value m.

3. (Canceled)

4. (Currently amended) A method for providing Quality of Service (QoS) to an Ethernet switching means connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together with non-real time applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, comprising the steps of:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; and ~~The method according to claim 1,~~

wherein the filtering is stopped, if the used bandwidth value (TB) of the total IP throughput declines a deactivation threshold value (F_d).

5. (Canceled)

6. (Canceled)

7. (Currently amended) A method for providing Quality of Service (QoS) to an Ethernet switching means connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together with non-real time applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, comprising the steps of:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; ~~The method according to claim 1,~~

further comprising the steps of setting the controlling means in either of two operation modes:

a first mode - Simple mode - when at least one of the QoS values is found to be not acceptable, or

a second mode - Advanced mode - when all QoS values are found to be not acceptable.

8. (Previously Presented) The method according to claim 4, wherein the deactivation threshold value (F_d) is a predefined value available throughput buffer level.

9. (Canceled)

10. (Previously Presented) The method according to claim 2, wherein the minimum value (m) is configured to be equal to or less than the guaranteed minimum bandwidth (GMB) of the WAN.

11. (Canceled)

12. (Previously Presented) The method according to claim 2, further comprising the step of acquiring and analysing the QoS information of the RTP-header fields of the downwards packages and the QoS information of the RTCP Sender Report and/or Receiver Report on the WAN.

13.-30. (Canceled)

31. (Currently amended) A computer program product having computer readable program code stored on a computer useable medium for providing Quality of Service (QoS) to an Ethernet switching means that is connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together with non-realtime applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, the computer readable program code comprises code for:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; ~~The computer program product of claim 30 further comprising program code for:~~

acquiring a value (TB) for the instantaneous used bandwidth of the total IP data throughput;

comparing the used bandwidth value (TB) of the total IP data throughput to a minimum value m;

acquiring the Quality of service information carried in the RTP/RTCP data packages, if the total data throughput exceeds the minimum value m.

32. (Canceled)

33. (Currently amended) A computer program product having computer readable program code stored on a computer useable medium for providing Quality of Service (QoS) to an Ethernet switching means that is connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together

with non-realtime applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, the computer readable program code comprises code for:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; and ~~The computer program product of claim 30,~~ wherein the filtering is stopped, if the used bandwidth value (TB) of the total IP throughput declines a deactivation threshold value (F_d).

34. (Canceled)

35. (Canceled)

36. (Currently amended) A computer program product having computer readable program code stored on a computer useable medium for providing Quality of Service (QoS) to an Ethernet switching means that is connected to a Wide Area Network (WAN), which has at least one bandwidth limited channel, wherein a total IP data throughput of voice-, video- and/or other real time applications or services together with non-realtime applications or services are provided by use of IP data packages, wherein the Ethernet switching means is logically connected to an Adaptive Quality of Service (AQS) means, the computer readable program code comprises code for:

acquiring Quality of Service information carried in the RTP/RTCP data packages;

comparing at least one QoS value Q_n to a corresponding QoS acceptance ratio, wherein each Q_n is based on the Quality of Service information from the RTP/RTCP data packages;

filtering when at least one QoS value has an unacceptable level to said corresponding QoS acceptance ratio; ~~The computer program product of claim 30~~

further comprising program code for setting the controlling means in either of two operation modes:

a first mode - Simple mode - when at least one of the QoS values is found to be not acceptable, and

a second mode - Advanced mode - when all QoS values are found to be not acceptable.

37. (Previously Presented) The computer program product of claim 33 wherein the deactivation threshold value (F_d) is a predefined value available throughput buffer level.

38. (Canceled)

39. (Previously Presented) The computer program product of claim 31 wherein the minimum value (m) is configured to be equal to or less than the guaranteed minimum bandwidth (GMB) of the WAN.

40. (Canceled)

41. (Previously Presented) The computer program product of claim 31 further comprising program code for acquiring and analysing the QoS information of the RTP-header fields of the downwards packages and the QoS information of the RTCP Sender Report and/or Receiver Report on the WAN.

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